

**ABSTRACT OF THE DISCLOSURE**

**MANUFACTURING MONITORING SYSTEM AND METHODS FOR  
DETERMINING EFFICIENCY**

A manufacturing monitoring system and related methods for determining the efficiency of a production plant, of an assembly or process line, or of the components of the assembly or process line. Data relating to the efficiency of the plant, production line, or components of the production line are gathered, such as one or more of unit output values, downtime occurrences, downtime duration, downtime incident codes, downtime categorization, action items, minutes ran, hours scheduled, capable rate, actual output, idle time, total time and waste analysis values. The gathered data is stored and production efficiencies are calculated based upon the gathered data. The results are communicated, such as by the Internet or intranet, to computers, databases, servers or terminals. Related methods are also disclosed.